

To: LEE, LILY[LEE.LILY@EPA.GOV]
From: Brasaemle, Karla
Sent: Tue 4/19/2016 11:06:24 PM
Subject: Thorium-232 locations
[Hunters Point work info.doc](#)

Hi Lily,

Here's what I've turned up for locations where Thorium-232 (Th-232) was known or suspected:

Much of the thorium-232 information in the HRA was from the NWT Phase V Radiological Assessment, which was never released to the Regulatory Agencies for review. RASO has a copy, but they have refused to release it. EPA requested release of this document numerous times, without success.

Th-232 contamination is known to have impacted the Building 707 concrete pad (Parcel E) according to a Radiological Summary (attached) that was provided to Claire Trombadore by the Navy and RASO in May 2001 (however, note that this is a pre-HRA document). Th-232 is not stated to be a ROC for the 707 area according to the HRA. It is unclear why Th-232 was dropped in the HRA for this area.

Th-232 apparently contaminated floor tiles in Building 211 (Parcel C) according to the December 5, 2007 BCT meeting minutes or the concrete floor according to the HRA. The floor tiles, if present, may have been removed before this building was used to store radiological waste bins while sample results (for disposal characterization) were pending. Since the HRA statement about the Th-232 contaminated concrete floor was based on the Phase V report, we do not have any idea where this Th-232 contamination is or was located.

Other buildings where Th-232 was suspected include Building 253 in Parcel C; the Buildings 313A, 313 and 322 sites in Parcel D-1; and Buildings 351 and 351A in Parcel G. Survey Unit (SU) 115, the only SU where Th-232 was a ROC in Parcel G, surrounds Building 351.

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